

Applicants: Thomas M. Jessell et al.
Serial No : 10/002,278
Filed : November 2, 2001
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In the specification:

Please amend the specification under the provisions of revised 37 C.F.R. §1.121 as follows:

On page 1, line 2, after the Title and before the Background of the Invention, please delete the paragraph which begins "This application is a continuation . . ." and insert the following amended paragraph:

--This application is a continuation of U.S. Serial No. 08/065,844, filed May 20, 1993, now United States Patent No. 6,333,168, issued December 25, 2001, the contents of which are hereby incorporated by reference into the present application.--

On page 7, lines 3-4, please delete the paragraph which begins "Figure 1 . . ." and insert the following amended paragraph:

-- Figure 1
Figures 1A and 1B Nucleotide and Deduced Amino Acid Sequence of Dorsalin-1 (SEQ. ID No. 1.)--

On page 15, lines 7-17, please delete the paragraph which begins "(J-L) Nomarski (J) and . . ." and insert the following amended paragraph:

--(J-L) Nomarski (J) and immunofluorescence micrograph (K,L) of

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an [i]-neural plate and floor plate conjugate exposed for 48h to 3×10^{-11} M dorsalin-1^{myc}. No Islet-1⁺ cells are detected (K) whereas the number of 3A10⁺ neurons in the neural plate explant (L) is not obviously different from that in the absence of dorsalin-1^{myc}. In figures D and [[G]] J, the dashed line outlines the extent of the neural plate (np) explant.--

On page 20, lines 25-35, please delete the paragraph which begins "Dorsalin-1 may be. . ." and insert the following amended paragraph:

--Dorsalin-1 may be produced by a variety of vertebrates. In an embodiment, a human dorsalin-1 nucleic acid molecule is isolated. In another embodiment, a mouse dorsalin-1 nucleic acid molecule is isolated. In a further embodiment, a chick dorsalin-1 nucleic acid molecule is provided. The plasmid, pKB502, encoding a chick dorsalin-1 was deposited on October 5, 1992 with the American Type Culture Collection (ATCC), ~~12301 Parklawn Drive, Rockville, Maryland 20852 10801~~ University Boulevard, Manassas, VA 20110-2209, U.S.A. under the provisions of the Budapest Treaty for the International Recognition of the Deposit of Microorganism-

On page 23, lines 21-29, please delete the paragraph which begins "In one embodiment, the expression vector. . ." and insert the following amended paragraph:

--In one embodiment, the expression vector, pKB501 (with myc epitope), containing chick dorsalin-1 with a myc-epitope was